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SUPA TRACE® ADVANCE

The multi-vitamin treatment for your crop –

Chelated for maximum bio-availability, Supa Trace Advance, including boron, delivers nine essential nutrients that your crop needs to reach its full potential

BENEFITS OF SUPA TRACE ADVANCE

- ✔ Replenishes the plant with fundamental trace elements that are vital for healthy growth
- ✔ Chelation of the nutrients increases plant availability and rate of uptake
- ✔ Contains nitrogen which also assists plant uptake
- ✔ A well balanced mix of essential elements which maintain plant health and reduce the potential for deficiencies
- ✔ Completely soluble delivering the required amount of nutrients with low application rates
- ✔ Clear solution makes it easy to decant into spray equipment, mixing tanks and irrigation
- ✔ Can be applied with a wide range of other agricultural chemicals, reducing the number of spray applications needed

THE IMPORTANCE OF TRACE ELEMENTS

Many trace elements function as essential parts of enzymes in the cell. Important enzymes consist of proteins which attach to co-enzymes, generally containing trace elements. The control of cellular processes through chemical reactions is done through enzymes.

DEFICIENCY SYMPTOMS:

Zinc deficiency in vines

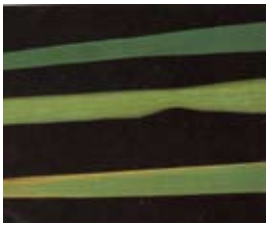
Iron deficiency in vines

Manganese deficiency in vines

Boron deficiency in vines

Copper deficiency in citrus

Molybdenum deficiency in citrus



Sulphur deficiency in barley

Magnesium deficiency in citrus

Top – healthy leaf
Bottom – deficient leaf

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Product Information Sheet V1 02/02/09

NOTE: The suggested rates of application are designed for typical Australian conditions and such should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf (sap) tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.

Product Characteristics

Specific Gravity: 1.285 Colour: Clear emerald green

Analysis	Australia (w/v%)	International (w/w%)
Nitrogen (N)	3.3	2.5
Iron (Fe)	1.6	1.2
Zinc (Zn)	1.8	1.4
Magnesium (Mg)	1.4	1.1
Manganese (Mn)	1.3	1.0
Copper (Cu)	0.6	0.5
Sulphur (S)	4.8	3.7
Boron (B)	0.6	0.5
Molybdenum (Mo)	0.03	0.02

Directions for use

Agitate contents well before dilution. Suitable for application by:

Aerial Spray	Foliar Spray	Fertigation

CROP	RATE / ha	MIN DILUTION*	COMMENTS
BROADACRE Cotton, grain	2 - 8 L	1 : 25*	Apply as required to maintain crop colour and vigour. Use the low rate for low-density crops (140 - 160 plants / m2) and the upper rate for high yielding crops. Apply in 50 - 80 L water / ha using higher dilutions in temperatures over 18OC.
FRUIT TREES ** Excluding stone fruit Avocados, lychees, olives (foliar) Bananas (foliar) Mangoes (foliar) Pome (foliar)	3 - 5 L	1 : 150	Apply pre-flowering or on recently hardened flush. Repeat as required. Apply during winter and if necessary repeat at 10 - 14 days. Apply prior to flowering. Water volumes may vary from low volume to 1000 L / ha if applied using airblast. Do NOT apply to fruit with copper residues Apply during early fruit growth
HORTICULTURAL / VEGETABLES	2 - 4 L	1 : 200	Apply as required to maintain trace element levels.
NURSERY PLANTS	2 - 4 L	1 : 300	In hot-house situations use 800 - 1600 L water / ha.
SUGAR CANE Foliar Billet spray	4 - 5 L 4 - 5 L	1 : 100 1 : 100	Apply during early growth when sufficient leaf area. Apply in conjunction with billet fungicide.
TURF	200 ml / 100 m2	1 : 10	As required to maintain turf quality and boost trace element levels
VINES: Table and wine grapes Foliar	4 L or 400 ml / 100L	1 : 200	Max 2 applications may be required post-flowering up to veraison. Do not exceed 1 X concentration Do not exceed maximum per hectare rate Minimum water rate of 200L per hectare

MINIMUM DILUTION : A dilution of 1 : 100 means 1 part product : 100 parts water.
In hot weather, use higher dilution rates
* AERIAL APPLICATION: use maximum practical water rates.
NOTE: When applying in alkaline conditions (water and/or soil), ensure ratio to water is 1 : 1000
** DO NOT apply to stone fruit as phytotoxicity may occur

WARNING: DO NOT apply SUPA TRACE ADVANCE with copper sprays or onto plants with copper residues

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